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**From:** Washington, John [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FDC3E8CE9F1D45C4894881FF420CA104-WASHINGTON, JOHN]  
**Sent:** 11/20/2018 4:49:27 PM  
**To:** Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]; Buckley, Timothy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=197a3461d9824a17850f34cc2b0b37fe-Buckley, Timothy]  
**CC:** McCord, James [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=McCord, James]; Sullivan, Kate [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1ae54d9bb036451b8df78d633b928662-Sullivan, Kate]  
**Subject:** RE: Solvay Product

Whoops, actually I had it backward. **Ex. 5 Deliberative Process (DP)** Let me send you something in a bit.

John

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**From:** Washington, John  
**Sent:** Tuesday, November 20, 2018 11:34 AM  
**To:** Strynar, Mark <strynar.mark@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>  
**Cc:** McCord, James <mccord.james@epa.gov>; Sullivan, Kate <Sullivan.Kate@epa.gov>  
**Subject:** RE: Solvay Product

Mark's is good. Things I am looking at include:

- 1) M is ethyl
- 2) N is propyl

3)

4) **Ex. 5 Deliberative Process (DP)**

If you want to wait a few minutes, I can send the structure that I am putting on our spectra.

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**From:** Strynar, Mark  
**Sent:** Tuesday, November 20, 2018 11:24 AM  
**To:** Buckley, Timothy <Buckley.Timothy@epa.gov>; Washington, John <Washington.John@epa.gov>  
**Cc:** McCord, James <mccord.james@epa.gov>; Sullivan, Kate <Sullivan.Kate@epa.gov>  
**Subject:** RE: Solvay Product

I have this is it okay?

**Ex. 5 Deliberative Process (DP)**

**From:** Buckley, Timothy

**Sent:** Tuesday, November 20, 2018 11:21 AM

**To:** Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>

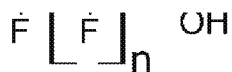
**Cc:** McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>; Strynar, Mark <[strynar.mark@epa.gov](mailto:strynar.mark@epa.gov)>; Sullivan, Kate <[Sullivan.Kate@epa.gov](mailto:Sullivan.Kate@epa.gov)>

**Subject:** Solvay Product

**Figure 1.** Generic structure of hydrogenated polyfluorinated carboxylic acid (HPFCA). At present, the exact position of the hydrogen is undetermined.

John,

I would like to include the chemical structure for CIPFPECA in our NJ NTA report similar to what we did for NH below.



Do you have? I am copying James because I think he was the one who helped me with NH in case you don't have.

Thanks.

Tim

Timothy J. Buckley, PhD  
Director of the Exposure Methods & Measurements Division  
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Ex. 6 Personal Privacy (PP) (C)